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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. Ing. 4

First Inventor

Liu, Fu-Hua

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Title System & Method for Determining a Connectionles
Express Mail Label No. EF283043347US

See MFEP chapter 600 concerning utility patent application contents   Washington, DC 20231	APPLICA	ATION ELEMENTS		ADD	DECC TO.	istant Cor Patent A		ioner for Patents tion
Commuter Program (Appendix)	See MPEP chapter 600 con	cerning utility patent application conte	nts.					
Applicant claims small entity status.  Specification  Total Pages  2 ]  Specification  Cross Reference to Feated Applications  - Descriptive title of the invention  Cross Reference to Feated Applications  - Reference to Sequence siting, a table, or a computer program listing appendix  - Background of the invention  Brief Summary of the Invention  Brief Description of the Drawings (if filed)  - Detailed Description  - Brief Summary of the Invention  Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Discosure  - Abstract of the Discosure  - Abstract of the Discosure  - Abstract of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Detailed Description  - Claim(s)  - Abstract of the Discosure  - Abstract of the Discosure of the prior application No.  - Accompanying cover sheet & document(s)  - Benefician Description Description of Discosure of the Discosure of the Discosure of the prior application No.  - Accompanying cover sheet & document of Discosure of the prior applica				7.				e table or
Specification	Applicant claims	small entity status.			eotide and/or Amino A	cid Seque		Submission
- Descriptive title of the invertion - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (If filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4.  □ Drawing(s) (35 U.S.C. 113)	Specification	[Total Pages 42 ]		` ┌	<del>'</del>	•	CRF)	
Statement Regarding Fed sponsored R & D  Reference to sequence listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claimin(s)  - Abstract of the Disclosure  4.	- Descriptive title	of the invention			— pecification Sequence	Listing or	า:	
or a computer program listing appendix Background of the Invention Brief Summary of the Invention Original Description Claim(s) Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [ Total Sheets 5 ] South or Declaration Declaration Declaration  Total Pages  Newly executed (original or copy) Declaring (original or copy) Declaration (10) [ Total Pages ] Dec	- Statement Reg	arding Fed sponsored R & D			i. CD-ROM o	or CD-R (2	2 copie	es); or
- Background of the Invention - Brief Description of the Drawings (if filed) - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4.								
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4.	- Background of	the Invention						
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5. Oath or Declaration  a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) c. DELETION OF INVENTOR(S) Sugned statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)) 6. Application Data Sheet. See 37 CFR 1.76  13. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information  14. Continuation Delected (b)(2)(B)(B)(D), Applicant must attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b) 1.6 Continuation Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application information  For continuation  Divisional Continuation-in-part (CIP)  Prior application information:  Examiner  For CONTINUIATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, no which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Customer Number or Bar Code Label  Mame  Timothy P. O'Hayan  Po Box 10.54  Registration No. (Attorney/Agent); 3.9 3.19  Name (PrintiType)  Timothy P. O'Hayan  Registration No. (Attorney/Agent); 3.9 3.19	- Abstract of the	Disclosure	7	10.			L	1
5. Oath or Declaration  a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Data Sheet under 37 CFR 1.76:  Continuation Dotal Sheet under 37 CFR 1.76:  Continuation on Divisional Continuation-in-part (CIP)  For Continuation information  Examiner  For Continuation on Divisional APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be refled upon when a portion has been indevertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Position of the prior application by the submitted application parts.  State WH Zip Code D38 © 2  Country  V3A  Telephone  Registration No. (Attorney/Agent) 3 9 319	4. 🔀 Drawing(s) (35 U	J.S.C. 113) [ Total Sheets 5	] ]	11.			ent (if a	
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Nonpublication Request under 35 U.S.C. 122  (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No: // Prior application information:    For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.    Correspondence address below   Po Box 1054   Po Box 1054   Customer Number or Bar Code Label   Ponts Mouth   State   NH   Zip Code   038-02     Country   U.S.A   Telephone   603-343-1/62   Fax   603-343-1/62     Name (Print/Type)   Timothy   P. O'Hayan   Registration No. (Attorney/Agent)   3,9,3/9								
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)  16. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No:				15.	Certified Copy of I (if foreign priority i	Priority Do	cume	nt(s)
Or its equivalent.  Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation   Divisional   Continuation-in-part (CIP)   of prior application No.   / Prior application information:   Examiner   Group Art Unit   For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS    Customer Number or Bar Code Label   Disast customer No. or Allect Lay code tabel had   Or	named in the prior application, see 37 CFR							
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:    Continuation	1.63(d)(2) and 1.33(b) (b)(2)(B)(i). Applicant must attach form PTO/SB/35							
or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No.:  Prior application information:  Examiner Group Art Unit  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  (Insert Cristomer No or Allach Lac sodes which berd)  Or Correspondence address below  Name  7/mothy P. O'Hayan  Po Box 1054  Address  City Pontamouth State NH Zip Code 03802  Country USA Telephone 603-343-1162 Fax 603-343-1162  Name (Print/Type)  Timothy P. O'Hagan  Registration No. (Attorney/Agent) 39 319	6 Application Data	Sheet. See 37 CFR 1.76		17.	Other:		· · · · · · · · · · · · · · · · · · ·	
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Prior application information: Examiner Group Art Unit  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Insert Customer No or Alfach Lag odds label hera)  Or Correspondence address below  Name  Po Box 1054  Address  City Pontsmouth State NH Zip Code 03802  Country USA Telephone 603-343-1/62 Fax 603-343-1/62  Name (Print/Type) Timothy P. O'Hagan Registration No. (Attorney/Agent) 39 3/9			CIP)	of	prior application No.			
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Insert Clistraner No. or Altach Dar code label heral  Or Correspondence address below  Name  Po Box 1054  Address  City  Pontamouth  State  NH Zip Code 03802  Country  USA  Telephone 603-343-1/62  Fax 603-343-1/62  Name (Print/Type)  Timothy P. O'Hayan  Registration No. (Attorney/Agent) 3 9 319	The state of the s		-		Group Art Unit			
19. CORRESPONDENCE ADDRESS  Customer Number or Bar Code Label  Name  7 inothy P. O'Hayun PO Box 1054  Address  City Pontamouth State NH Zip Code 03802  Country  Vame (Print/Type)  Name (Print/Type)  Timothy P. O'Hayun Registration No. (Attorney/Agent) 39 319								
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PO Box 105-4     Address   City   Pontsmouth   State   NH   Zip Code   03802     Country   USA   Telephone   603-343-1162   Fax   603-343-1162     Name (Print/Type)   Timothy P. O'Hagan   Registration No. (Attorney/Agent)   39 319	Customer Number or Bar C	ode Label (Insert Customer No. or All.	ach bar cad	le label herd		Correspond	dence a	ddress below
Address  City Pontsmouth State NH Zip Code 03802  Country USA Telephone 603-343-1162 Fax 603-343-1162  Name (Print/Type) Timothy P. O'Hagan Registration No. (Attorney/Agent) 39 319	Name	Timothy P. O'Haya	n					
City         Pontsmouth         State         NH         Zip Code         03802           Country         USA         Telephone         603-343-1/62         Fax         603-343-1/62           Name (Print/Type)         Timothy P. O'thegan         Registration No. (Attorney/Agent)         39/3/9		PO Box 1054				· · · · · · · · · · · · · · · · · · ·		
Country USA Telephone 603-343-1/62 Fax 603-343-1/62  Name (Print/Type) Timothy P. O'Hagan Registration No. (Attorney/Agent) 39 319	Address		<del></del>			т		
Name (Print/Type) Timothy P. O'thegan Registration No. (Attorney/Agent) 39 319	City	PONTSMOUTH	St	ate	NH	Zip C	ode	03802
	Country	USA	Teleph	one (	603-343-1162	Fa	X	603-343-1162
	Name (Print/Type)	Timothy P. O'Hugan		Regis	tration No. (Attorney	(IAgent)	39	319
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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

**TOTAL AMOUNT OF PAYMENT** 

(\$)1053

Complete if Known			
Application Number			
Filing Date	3-28-01	· · · · · · · · · · · · · · · · · · ·	
First Named Inventor	Liv, Fu-Hua		
Examiner Name			
Group Art Unit			
Attorney Docket No.	Inno 4		

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to	3. ADDITIONAL FEES				
Deposit	Large Small				
Account Number	Entity Entity Fee Fee Fee Fee Fee Description	Fee Paid			
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Account Name	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status	139 130 139 130 Non-English specification				
See 37 CFR 1 27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed:  Check Credit card Money Order Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity	116 390 216 195 Extension for reply within second month				
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 890 217 445 Extension for reply within third month				
101 710 201 255 Hallay filling for	118 1,390 218 695 Extension for reply within fourth month				
106 320 206 160 Design filing fee	128 1,890 228 945 Extension for reply within fifth month				
107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal				
108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
21177771 (1) (2) 2 444	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 355	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES Fee from	141 1,240 241 620 Petition to revive - unintentional				
Extra Claims below Fee Paid	142 1,240 242 620 Utility Issue fee (or reissue)				
Total Claims   -20** =   -42   X   =   3.76	143 440 243 220 Design issue fee				
Claims X = 3.5 Claims	144 600 244 300 Plant issue fee				
Multiple Dependent = 55	122 130 122 130 Petitions to the Commissioner				
Large Entitle Court France	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$)         Code (\$)           103         18         203         9         Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection (37 CFR § 1 129(a))				
104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 ** Reissue independent claims	149 710 249 355 For each additional invention to be				
109 80 209 40 ** Reissue independent claims over onginal patent	examined (37 CFR § 1 129(b))				
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	179 710 279 355 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 65 0	Other fee (specify)				
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40	0			

SUBMITTED BY Complete				(if applicable)	
Name (Print/Type)	Timothy P. O'Hagan	Registration No. 39, 319	Telephone	603-343-1/62	
Signature	Mini		Date	03-28-01	

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